

L Number	Hits	Search Text	DB	Time stamp
33	14251	((insulating adj (film or layer)) and (liquid adj crystal)) near10 between (pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 13:45
34	2	((insulating adj (film or layer)) and (liquid adj crystal)) near10 between near10 (pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 13:56
35	0	((insulating adj (film or layer)) and (liquid adj crystal)) near10 between near10 (pixel adj electrode) near10 (opposite adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 13:52
36	92	(pixel adj electrode adj (opening or aperture or slit))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 14:20
37	3	((insulating adj (film or layer)) and (liquid adj crystal)) near10 (opening or aperture or slit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 14:26
38	21	(liquid adj crystal) near10 (pixel adj electrode adj (opening or aperture or slit))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 14:43
39	10	(insulating adj (film or layer)) near10 (pixel adj electrode adj (opening or aperture or slit))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 14:21
40	3	((liquid adj crystal) near10 (pixel adj electrode adj (opening or aperture or slit))) and ((insulating adj (film or layer)) near10 (pixel adj electrode adj (opening or aperture or slit)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 14:21
41	0	((insulating adj (film or layer)) and (liquid adj crystal)) near10 inside near10 (pixel adj (opening or aperture or slit))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 14:27
42	0	(insulating adj (film or layer)) near10 ("500" adj nm)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 14:44
43	736	(insulating adj (film or layer)) near10 ("500" adj nm)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 14:52
44	0	(insulating adj (film or layer)) near10 (greater adj "500" adj nm)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 14:47
45	1	(insulating adj (film or layer)) near10 (more adj "500" adj nm)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 14:48
46	0	(insulating adj (film or layer)) near10 (greater adj than adj "500" adj nm)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 14:48

47	118	(insulating adj (film or layer)) near10 ("700" adj nm)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 14:53
48	35	((insulating adj (film or layer)) near10 ("500" adj nm)) and ((insulating adj (film or layer)) near10 ("700" adj nm))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 14:49
49	0	(insulating adj (film or layer)) near10 (greater adj than adj"500" adj nm)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 14:52
50	1	(insulating adj (film or layer)) near10 ("500" adj nm adj greater)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 14:53
51	35	(insulating adj (film or layer)) near10 ("900" adj nm)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 14:54
52	15	((insulating adj (film or layer)) near10 ("500" adj nm)) and ((insulating adj (film or layer)) near10 ("900" adj nm))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:28
53	0	(voltage adj ration) near10 (0.5:1 adj 0.9:1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:29
54	0	(voltage adj ratio) near10 (0.5:1 adj 0.9:1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:30
55	0	(voltage adj ratio) near10 (first adj pixel adj electrode) near10 (second adj pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:31
56	4	(voltage adj ratio) near10 (pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:32
57	0	voltage near10 ratio near10 ((first and second) adj pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:34
58	0	ratio near10 voltage near10 ((first and second) adj pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:34
59	10	voltage near10 ratio near10 0.5:1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:38
60	0	voltage near10 ratio near10 0.9:1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:35

61	0	voltage near10 ratio near10 0.6:1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:36
62	9	voltage near10 ratio near10 0.1:1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:36
63	2	voltage near10 ratio near10 0.2:1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:36
64	4	(voltage adj ratio) near10 (pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:37
65	0	voltage near10 ratio near10 0.7:1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:38
66	3	voltage near10 ((first and second) adj (pixel adj electrode))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:45
67	0	(n adj d) near10 ((0.4 adj micrometer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:47
68	0	(birefringence adj thickness) near10 ((0.4 adj micrometer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:47
69	0	(birefringence) near10 (thickness) near10 ((0.4 adj micrometer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:48
70	3	(birefringence) near10 (thickness) near10 micrometer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:54
71	0	(birefringence) near10 (thickness) near10 angstrom	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:50
72	1398	(birefringence) near10 (thickness)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:52
73	249	product near10 (birefringence) near10 (thickness)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:53
74	246	((birefringence) near10 (thickness) ) and (product near10 (birefringence) near10 (thickness) )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:53

75	11	(birefringence) near10 (thickness) near10 0.4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 15:59
76	21	(birefringence) near10 (thickness) near10 0.5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 16:10
77	2	6307611.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 16:11
78	4	5841490.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 16:11
-	1900	(pixel adj electrode) near10 (insulating adj (film or layer)) near10 (pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 14:30
-	81	(opposite adj electrode) near10 opposite near10 (pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:01
-	29	(liquid adj crystal) near10 between near10 ((opposite and pixel) adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:01
-	0	((pixel adj electrode) near10 (insulating adj (film or layer)) near10 (pixel adj electrode)) and ((opposite adj electrode) near10 opposite near10 (pixel adj electrode)) and ((liquid adj crystal) near10 between near10 ((opposite and pixel) adj electrode))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 14:34
-	23	((pixel adj electrode) near10 (insulating adj (film or layer)) near10 (pixel adj electrode)) and ((opposite adj electrode) near10 opposite near10 (pixel adj electrode))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:57
-	0	(pixel adj electrode) near10 comprising near10 (first and second) adj pixel adj electrode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 14:39
-	0	(pixel adj electrode) near10 comprises near10 (first and second) adj pixel adj electrode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 14:39
-	1	(pixel adj electrode) near10 (first and second) adj pixel adj electrode	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 14:41
-	118	(pixel adj electrode) near10 above near10 (insulating adj (film or layer)) near10 above near10 (pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 14:51

-	3	((opposite adj electrode) near10 opposite near10 (pixel adj electrode)) and ((pixel adj electrode) near10 above near10 (insulating adj (film or layer)) near10 above near10 (pixel adj electrode))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 14:44
-	307	(first and second) near10 (pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 14:53
-	5	((pixel adj electrode) near10 above near10 (insulating adj (film or layer)) near10 above near10 (pixel adj electrode)) and ((first and second) near10 (pixel adj electrode))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 14:52
-	216	(first and second) adj (pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:18
-	4	((pixel adj electrode) near10 above near10 (insulating adj (film or layer)) near10 above near10 (pixel adj electrode)) and ((first and second) adj (pixel adj electrode))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 14:56
-	2	(second adj pixel adj electrode) near10 above near10 (insulating adj (layer of film))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 14:58
-	1900	(pixel adj electrode) near10 (insulating adj (film or layer)) near10 (pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 15:00
-	57	((first and second) adj (pixel adj electrode)) and ((pixel adj electrode) near10 (insulating adj (film or layer)) near10 (pixel adj electrode))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 15:03
-	16	(first adj pixel adj electrode) near10 electrically near10 connected near10 (second adj pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:35
-	308	(pixel adj electrode) near10 over near10 (insulating adj (film or layer)) near10 over near10 (pixel electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 15:30
-	114	(349/144).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 15:26
-	7	((first and second) adj (pixel adj electrode)) and ((pixel adj electrode) near10 over near10 (insulating adj (film or layer)) near10 over near10 (pixel electrode))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 15:47
-	12	((opposite adj electrode) near10 opposite near10 (pixel adj electrode)) and ((liquid adj crystal) near10 between near10 ((opposite and pixel) adj electrode))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 15:47
-	20	(opposite adj electrodes) near10 opposite near10 (pixel adj electrodes)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:01

-	8	((liquid adj crystal) near10 between near10 ((opposite and pixel) adj electrodes)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:02
-	2	((opposite adj electrodes) near10 opposite near10 (pixel adj electrodes)) and ((liquid adj crystal) near10 between near10 ((opposite and pixel) adj electrodes))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:10
-	0	((first and second) adj (pixel adj electrode)) near10 connect near10 (drain adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:12
-	0	((first and second) near10 (pixel adj electrode)) near10 connect near10 (drain adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:13
-	0	((first and second) adj (pixel adj electrode)) near10 connect near10 drain	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:14
-	1	((first and second) adj (pixel adj electrode)) near10 (drain adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:21
-	144	(pixel adj electrode) near10 connect near10 (drain adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:17
-	3	((first and second) adj (pixel adj electrode)) and ((pixel adj electrode) near10 connect near10 (drain adj electrode))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:18
-	0	((first and second) adj (pixel adj electrode)) near10 connect near10 (drain adj electrodes)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:27
-	0	(first adj pixel adj electrode) near10 connect near10 (drain adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:28
-	34	(first adj pixel adj electrode) near10 (drain adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:30
-	2	6307611.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:33
-	0	((first and second) adj (pixel adj electrode)) near10 connect near10 switch	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:34
-	0	((first and second) adj (pixel adj electrode)) near10 switch	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:34

-	10	(first adj pixel adj electrode) near10 electrically near10 connected near10 (drain adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 16:51
-	4886	((alignment or orientation) adj (film or layer)) near10 (liquid adj crystal) near10 ((alignment or orientation) adj (film or layer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 17:00
-	1695	(liquid adj crystal) near10 between near10 ((alignment or orientation) adj (films or layers))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 17:02
-	2515	(liquid adj crystal) near10 between near10 (polarizers or (polarizing adj plates))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 17:05
-	73	(liquid adj crystal) near10 between near10 retarders	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 17:05
-	3	((liquid adj crystal) near10 between near10 ((alignment or orientation) adj (films or layers))) and ((liquid adj crystal) near10 between near10 (polarizers or (polarizing adj plates))) and ((liquid adj crystal) near10 between near10 retarders)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 17:18
-	22	different near10 voltages near10 (one adj pixel)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 17:30
-	0	((liquid adj crystal) near10 between near10 ((alignment or orientation) adj (films or layers))) and ((liquid adj crystal) near10 between near10 (polarizers or (polarizing adj plates))) and ((liquid adj crystal) near10 between near10 retarders)) and (different near10 voltages near10 (one adj pixel))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 17:21
-	8	((liquid adj crystal) near10 between near10 ((alignment or orientation) adj (films or layers))) and (different near10 voltages near10 (one adj pixel))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 17:21
-	3	applying near10 different near10 voltages near10 (one adj pixel)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/24 17:31
-	0	(cumulative adj capacitance) near10 between near10 ((second adj pixel electrode) and (storage or auxiliary) adj capacitor adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 09:22
-	0	(cumulative adj capacitance adj electrode) near10 between near10 (seond adj pixel electrode) near10 ((storage or auxiliary) adj (capacitor or capacitance) adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 09:23
-	1	(cumulative adj capacitance adj electrode) near10 (second adj pixel electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 09:24

-	9	(cumulative adj capacity) near10 electrode near10 (second adj pixel electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 09:35
-	1	(cumulative adj (capacity or capacitance)) near10 between near10 (pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 09:32
-	0	(cumulative adj (capacity or capacitance)) near10 (pixel adj electrode) near10 ((storage or auxiliary) adj capacitor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 09:33
-	1	(cumulative adj (capacity or capacitor or capacitance)) near10 electrode near10 (pixel adj electrode) near10 (gate adj line)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 09:37
-	4	(cumulative adj (capacity or capacitor or capacitance)) near10 electrode near10 (pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 09:43
-	217	(pixel adj electrode) near10 (layer) near10 (gate adj line)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 09:45
-	209	(pixel adj electrode) near10 (gate adj line) near10 layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 09:45
-	187	((pixel adj electrode) near10 (layer) near10 (gate adj line)) and ((pixel adj electrode) near10 (gate adj line) near10 layer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 09:47
-	26	(first adj pixel adj electrode) near10 (gate adj line)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:10
-	12	(insulating adj (film or layer)) near10 below near10 (gate adj line)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:12
-	1	(first adj pixel adj electrode) near10 below near10 (insulating adj (film or layer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:13
-	49	(pixel adj electrode) near10 below near10 (insulating adj (film or layer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:13
-	4	((insulating adj (film or layer)) near10 below near10 (gate adj line)) and ((pixel adj electrode) near10 below near10 (insulating adj (film or layer)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:17
-	2	(insulating adj (film or layer)) near10 above near10 (first adj pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:16



-	1	(first adj gate adj insulating adj (film or layer)) near10 above near10 (gate adj line)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:19
-	32	(gate adj insulating adj (film or layer)) near10 above near10 (gate adj line)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:20
-	1	(first adj pixel adj electrode) near10 above near10 (gate adj insulating adj (film or layer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:21
-	33	(pixel adj electrode) near10 above near10 (gate adj insulating adj (film or layer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:22
-	34	(gate adj insulating adj (film or layer)) near10 above near10 (pixel adj electrode)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 11:17
-	54	(interlayer adj insulating adj (film or layer)) near10 above near10 (gate adj insulating adj (film or layer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:24
-	76	(pixel adj electrode) near10 above near10 (interlayer adj insulating adj (film or layer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:25
-	1	((gate adj insulating adj (film or layer)) near10 above near10 (gate adj line)) and ((pixel adj electrode) near10 above near10 (gate adj insulating adj (film or layer))) and ((gate adj insulating adj (film or layer)) near10 above near10 (pixel adj electrode)) and ((interlayer adj insulating adj (film or layer)) near10 above near10 (gate adj insulating adj (film or layer))) and ((pixel adj electrode) near10 above near10 (interlayer adj insulating adj (film or layer)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:25
-	1	((gate adj insulating adj (film or layer)) near10 above near10 (gate adj line)) and ((pixel adj electrode) near10 above near10 (gate adj insulating adj (film or layer))) and ((gate adj insulating adj (film or layer)) near10 above near10 (pixel adj electrode)) and ((interlayer adj insulating adj (film or layer)) near10 above near10 (gate adj insulating adj (film or layer)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:25
-	7	((gate adj insulating adj (film or layer)) near10 above near10 (gate adj line)) and ((pixel adj electrode) near10 above near10 (gate adj insulating adj (film or layer))) and ((gate adj insulating adj (film or layer)) near10 above near10 (pixel adj electrode))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:30
-	6	((interlayer adj insulating adj (film or layer)) near10 above near10 (gate adj insulating adj (film or layer))) and ((pixel adj electrode) near10 above near10 (interlayer adj insulating adj (film or layer)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 11:46

-	8038	(pixel adj electrode) near10 between (gate adj insulating adj (films or layers))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:52
-	0	(pixel adj electrode) near10 between near10 (gate adj insulating adj (films or layers))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:52
-	152	(pixel adj electrode) near10 between near10 (gate adj insulating adj (film or layer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:55
-	0	((interlayer adj insulating adj (film or layer)) near10 above near10 (gate adj insulating adj (film or layer))) and ((pixel adj electrode) near10 above near10 (interlayer adj insulating adj (film or layer))) and ((pixel adj electrode) near10 between near10 (gate adj insulating adj (film or layer)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:53
-	12	(pixel adj electrode) near10 (gate adj insulating adj (films or layers))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 10:56
-	1	((gate adj insulating adj (film or layer)) near10 above near10 (pixel adj electrode)) and ((interlayer adj insulating adj (film or layer)) near10 above near10 (gate adj insulating adj (film or layer))) and ((pixel adj electrode) near10 above near10 (interlayer adj insulating adj (film or layer)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 11:16
-	1	((gate adj insulating adj (film or layer)) near10 above near10 (pixel adj electrode)) and ((interlayer adj insulating adj (film or layer)) near10 above near10 (gate adj insulating adj (film or layer)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 11:16
-	18	(first adj pixel adj electrode) near10 (opening or aperture or slit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 11:55
-	1486	(pixel adj electrode) near10 (opening or aperture or slit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/25 13:41